OIPE JC174
SEP 27 2004
PATENT & TRADEMARK OFFICE

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0234-0470P	10/679,466
APPLICANT	
Kiyoshi TAKEUCHI et al.	
FILING DATE	GROUP
October 7, 2003	Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
FTP	DE	196 01 142	A1	1997-01-16	GERMANY	—	—	Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
Fiona T. Powers	5/20/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE JC174
MAY 05 2004
PATENT & TRADEMARK OFFICE

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0234-0470P	10/679,466
APPLICANT	
Kiyoshi TAKEUCHI et al.	
FILING DATE	GROUP
October 7, 2003	Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FP	US 6,727,053	B2	2004-04-27	Takeuchi et al.	—	—	
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
FP	EP	1 246 006	A2	2002-10-02	EUROPE	—	—	X	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
Fiona T. Powers	5/20/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
0234-0470P	New
APPLICANT: Kiyoshi TAKEUCHI et al.	
FILING DATE	GROUP: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FTP	US 5,427,902	A	1995-06-27	Shimura et al.			
	US 5,213,958	A	1993-05-25	Motoki et al.			
	US 5,455,149	A	1995-10-03	Bergthaller			
	US 5,021,330	A	1991-06-04	Bergthaller et al.			
	US 5,024,930	A	1991-06-18	Kita et al.			
	US 6,043,017	A	2000-03-28	Bergthaller			
FTP	US 3,841,880	A	1974-10-15	Kertel			
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
FTP	EP	0 953 870	A	1999-11-03	EUROPE			X	
	JP	58-111943	A	1983-07-04	JAPAN			Abs	
	EP	0 336 411	A2	1989-04-06	EUROPE			X	
	JP	52-82423		1977-07-09	JAPAN			Abs	
FTP	JP	4-78582	A	1992-03-12	JAPAN			Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
Fiona T. Powers	5/24/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.